





Waste Management Programs (WM-PROG) Los Alamos National Laboratory P.O. Box 1663, M969 Los Alamos, New Mexico 87545 (505) 667-8160 National Nuclear Security Administration Los Alamos Field Office 3747 West Jemez Road, A316 Los Alamos, New Mexico, 87544 (505) 667-5105/Fax (505) 667-5948



Date: JUN 1 6 2017 Symbol: EPC-DO: 17-228

LA-UR: 17- 24771

Locates Action No.: n/a

RETURN RECEIPT REQUESTED

Ms. Siona Briley, STP Project Manager Hazardous Waste Bureau New Mexico Environment Department 2905 Rodeo Park Drive East Building 1 Santa Fe, New Mexico 87505-6303

Subject:

Notice of Completion of Off-Site Waste Shipment For Final Disposal, Activity 4.0, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los

Alamos National Laboratory

Dear Ms. Briley:

This letter notifies the New Mexico Environment Department (NMED) of a completion of off-site waste shipment in accordance with Section IX(A)(1), Deletion of Waste in the Federal Facility Compliance Order (FFCO). This provision requires that the Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) notify the NMED of the shipment off site of waste included in the STP, and provide documentation of the receipt of the waste at an off-site storage facility within 45 days of its receipt.

On April 8, 2014, container LA00000068227 was shipped to the Waste Control Specialists (WCS) in Andrews, Texas facility for temporary off-site storage due to the closure of the Waste Isolation Pilot Plant (WIPP). Due to the fact that this container was transferred for interim storage, it was not removed from the STP inventory as documented in HWB-LANL-14-026. WIPP is now operational and is accepting waste for final disposal. This container was shipped to WIPP on May 4, 2017. For your reference are included



the MTRU Shipment Detail (Enclosure 1), MTRU Shipment Manifest (Enclosure 2) and the HWB-LANL-14-026 (Enclosure 3).

This correspondence provides our notification that container LA00000068227 has been received by WIPP for Final Disposal on May 4, 2017.

In accordance with the requirements of Section XX of the FFCO, "Documents, Information, and Reporting Requirements," we certify, as the project managers responsible for overseeing the implementation of the

Site Treatment Plan for the Los Alamos National Laboratory and for Los Alamos Site Office/National Nuclear Security Administration, that, to the best of our knowledge and belief, the information in this document is true, accurate, and complete. If you have any questions, please contact Ellen E. Gammon at (505) 665-587, or by email at eboyea@lanl.gov, or Adrienne L. Nash at (505) 665-5026, or by email at adrienne.nash@nnsa.doe.gov.

Sincerely,

Ellen Gammon STP Project Manager

Waste Management Programs (WM-PROG)

Los Alamos National Security, LLC

Sincerely,

Adrienne Nash

STP Project Manager

Los Alamos Field Office

U.S. Department of Energy

National Nuclear Security Administration

EG/AN:aomm

Enclosure 1: MTRU Waste Shipment Detail Enclosure 2: MTRU Waste Shipment Manifest

Enclosure 3: Letter from John E. Kieling Notice of Completion of Off-Site Waste Shipment for Storage

Pending Disposal, Activity 4.0, Compliance Plan, Site Treatment Plan, Federal Facility

Compliance Order Los Alamos National Laboratory HWB-LANL-14-0426

Cy: John E. Kieling, NMED-HWB, Santa Fe, NM (E-File)

Adrienne L. Nash, NA-LA (E-File)

Darlene Rodriguez, NA-LP (E-File)

George C. Henckel III, NA-OO-LA, (E-File)

Carl A. Beard, PADOPS, (E-File)

Craig S. Leasure, PADOPS (E-File)

Milton L. Bishop, EM-WM (E-File)

Elizabeth A. Churchill, LASO-SUP (E-File)

David J. Nickless, EM-WM (E-File)

Michael T. Brandt, ADESH (E-File)

Raeanna R. Sharp-Geiger, ADESH (E-File)

Susan L. McMichael, LC-ESH (E-File)

Tammy A. Diaz, EPC-WMP (E-File)

Alice Olivia M. Martinez, EPC-WMP (E-File)
Anthony R. Grieggs, EPC-CP (E-File)
Mark P. Haagenstad, EPC-CP (E-File)
David J. Funk, ADEM (E-File)
Patrice A. Stevens, ADEP-PSM (E-File)
Wayne P. Hohs, WD-DO (E-File)
David E. Frederici, WD-WPE (E-File)
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epc-correspondence@lanl.gov, (E-File)

Adesh-records@lanl.gov (E-File)

ENCLOSURE 1

MTRU Shipment Details Table

EPC-DO: 17-228

LA-UR: 17-24771

Date: _____JUN 1 6 2017

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ENCLOSURE 2

MTRU Shipment Manifests

EPC-DO: 17

LA-UR: 17-24771

JUN 1 6 2017 Date: Jun 1

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ENCLOSURE 3

NMED LETTER_ July 17 2014_ Notice of Completion of Off-site Waste Shipment for Storage Pending Disposal

EPC-DO: 17

LA-UR: 17-24771

Date: ______ JUN 1 6 2017



SUSANA MARTINEZ
GOVERNOT
JOHN A. SANCHEZ
Licutenant Governor

NEW MEXICO ENVIRONMENT DEPARTMENT

2905 Rodeo Park Drive East, Building 1 Santa Fe, New Mexico 87505-6303 Phone (505) 476-6000 Fax (505) 476-6030 www.nmenv.state.nm.us



RYAN FLYNN Cabinet Secretary BUTCH TONGATE Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 17, 2014

Mr. Andrew Worker STP Project Manager Los Alamos Field Office National Nuclear Safety Administration 3747 West Jemez Road, MS A316 Los Alamos, NM 87544

Ms. Monica Noll
STP Project Manager
Waste Management Programs (WM-PROG)
Los Alamos National Laboratory
P.O. Box 1663, MS-K996
Los Alamos, NM 87545

RE: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT FOR STORAGE PENDING DISPOSAL, ACTIVITY 4.0, COMPLIANCE PLAN, SITE TREATMENT PLAN, FEDERAL FACILITY COMPLIANCE ORDER LOS ALAMOS NATIONAL LABORATORY EPA ID #NM0890010515 HWB-LANL-14-026

Dear Mr. Worker and Ms. Noll:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS) (collectively, the Respondents) Notice of Completion of Off-Site Waste Shipment for Storage Pending Disposal, Activity 4.0. Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory dated May 14, 2014, and received May 15, 2014, and referenced by WM-DO-14-039 and LA-UR-14-23406.

NMED has reviewed shipment activity and enclosed manifest and has the following comment:

Comment:

On February 14, NMED received notice of a release at the Waste Isolation Pilot Plant (WIPP) nuclear waste repository. The DOE identified that drum 68660 experienced an energetic chemical reaction which ultimately led to the release of radioactive material. Drum 68660 is part

Mr. Worker and Ms. Noll July 17, 2014 Page 2

a nitrate salt waste stream identified as LA-MIN02-V.001. As stated in this manifest, approximately 153 containers from this waste stream were shipped to Waste Control Specialist, LLC, Texas (WCS) for temporary storage pending the reopening of WIPP between April 1-22, 2014.

As required by the NMED, the Permittees submitted the Revised LANL Nitrate Salt-Bearing Waste Container Isolation Plan on May 29, 2014, and the Permittees have begun to isolate all drums containing the associated nitrate salt-bearing waste stream (LA-MIN02-V.001). The Permittees report that these drums have been placed in standard waste boxes and are under continuous air and thermal monitoring (as of June 6, 2014).

The cause of the chemical reaction is still under investigation, and the need for additional remediation on these containers is unknown. In light of recent events, and the potential need to re-remediate all nitrate salt-bearing waste, NMED has determined that the removal of mixed transuranic waste (mixed-TRU) from the site treatment plan (STP) will be placed on hold until more information becomes available and it becomes clear that the waste currently stored at WCS will not be returned to LANL.

Please contact Siona Briley of my staff at (505) 476-6049 should you have any questions or concerns.

Sincerely,

John E. Kieling

Chief

Hazardous Waste Bureau

cc:

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File: LANL, Site Treatment Plan 4.0, May 14, 2014 and Fiscal Year 2014.